

WHAT I CLAIM IS :

1. A waste compacting device or compactor, comprising a bowl for receiving matter to be compacted, a crushing head comprising at least one shredding rotative roll travelling upon the surface of the matter when it is in an active position inside said bowl, a pressing device with a pressure plate associated with translation means to compress said matter onto a bottom of said bowl when it is in an active position inside said bowl, and configuration means to move said crushing head and said pressing device, each in turn, into its active position inside the bowl while the other is in an inactive position outside the bowl.

2. A compactor according to claim 1 wherein said crushing head is rotated about a vertical axis of said bowl along which it is mounted movable in vertical translation when it is in operation in said bowl while said matter to be compacted is introduced through an open top of the bowl.

3. A compactor according to claim 2 wherein said bowl is of rectangular cross-section and said pressure plate is so dimensioned that it extends over all said cross-section when it is brought in its active position to operate to press the crushed matter in the bowl.

4. A compactor according to claim 3 wherein said bowl shows a square cross-section.

5. A compactor according to claim 1 wherein said configuration means comprise first configuring means to cause the crushing head with rotary roll to move from an inactive position outside the bowl to its active position inside the bowl when the pressure plate-pressing device is set into an inactive position

outside the bowl, and second configuring means to cause said pressing device to move in its active position inside said bowl after the crushing head has been moved from its active position to its inactive position.

5 6. A compactor comprising : - a bowl for receiving matter to be compacted that is introduced through an open end thereof ; - a crushing head comprising at least one shredding rotative roll travelling upon the surface of the matter when it is in an active position inside said bowl, said crushing head being associated with
10 means to rotate it about a vertical axis of said bowl along which it is mounted movable in vertical translation ; - a pressing device comprising a pressure plate associated with means to translate it along said vertical axis when it is in an active position inside said bowl so as to compress said matter onto a bottom of said bowl,
15 said pressure plate being so dimensioned that it then covers all the matter in the bowl ; - and configuration means to move said crushing head and said pressing device, each in turn, into its active position inside the bowl while the other is in an inactive position outside the bowl.

20 7. A compactor according to claim 6 wherein said configuration means comprise first configuring means for said crushing head that are actuated to move it from its active position inside the bowl wherein said roll rests upon the surface of the matter being compacted to its inactive position by moving it
25 upwards along said vertical axis until it is outside the bowl above the latter.

 8. A compactor according to claim 6 wherein said configuration means comprise second configuring means for said pressing device that are actuated to move it between its active
30 position and its inactive position by pivoting it around an horizontal axis at the upper end of a lateral wall of said bowl, said inactive position of the pressing device being thereby laterally aside the bowl.

5 9. A compactor according to claim 6 wherein said configuration means comprise first configuring means for said crushing head that are actuated to move it from its active position inside the bowl wherein said roll rests upon the surface of the matter being compacted to its inactive position by moving it upwards along said vertical axis until it is outside the bowl above the latter, and second configuring means for said pressing device that are actuated to move it between its active position and its inactive position by pivoting it around an horizontal axis at the upper end of a lateral wall of said bowl, said inactive position of the pressing device being thereby laterally aside the bowl.

15 10. A compactor according to claim 9 wherein said bowl is of rectangular or square cross-section and said pressure plate is so dimensioned that it extends over all said cross-section when it is brought in its active position to operate to press the crushed matter in the bowl.

20 11. A compactor according to claim 6 comprising control means for actuating first said crushing head in said bowl upon newly introduced matter, then removing it in its inactive position to let the pressure plate of said pressing device pass into the bowl, then actuating said pressing device to press the crushed matter onto the bottom of the bowl.

25 12. A compactor according to claim 11 further comprising means to eject a final bale of compacted matter from the bowl by pushing it through an open door provided in a lateral wall of said bowl.

30 13. A compactor according to claim 6 further comprising means to surround a final bale of compacted matter with tapes that are guided in grooves provided therefore in the walls of the bowl and in the pressure plate and means to launch said tapes after the

pressure exerted by the pressing device has been released and the pressure plate has not been removed yet.

5 **14.** A compactor according to claim 6 wherein said bottom of said bowl is conformed as a shaping bottom for a final bale of compacted matter comprising two projections extending across said bottom that can be retracted at the same level as the fixed parts thereof.